

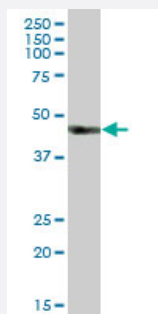
MaxPab®

# HS2ST1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009653-B01P

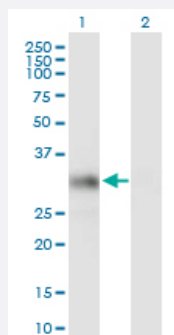
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

HS2ST1 MaxPab polyclonal antibody. Western Blot analysis of HS2ST1 expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of HS2ST1 expression in transfected 293T cell line ([H00009653-T02](#)) by HS2ST1 MaxPab polyclonal antibody.

Lane 1: HS2ST1 transfected lysate(25.19 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HS2ST1 protein.
Immunogen	HS2ST1 (AAH25990.1, 1 a.a. ~ 229 a.a) full-length human protein.
Sequence	MGLLRIMMPPKLQLLAVVAFVAMLFLENQIQKLEESRSKLERAIARHEVREIEQRHTMDGPRQDA TLDEEEDMVIYNRVPKTA STFTNIAYDLCAKNKYHVLHINTTKNNPVMSLQDQVRFVKNITSWKE MKPGFYHGHVSYLDFAKFGVKKKPIYNVIRDPIERLVSYYYFLRFGDDYRPGLRRRKQGDKKTFDE CVAEGGSDCAPEKLWLQIPFFCGHSSECW
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — HS2ST1

Entrez GeneID	<a href="#">9653</a>
GeneBank Accession#	<a href="#">BC025990.1</a>
Protein Accession#	<a href="#">AAH25990.1</a>
Gene Name	HS2ST1
Gene Alias	FLJ11317, KIAA0448, MGC131986, dJ604K5.2
Gene Description	heparan sulfate 2-O-sulfotransferase 1
Omim ID	<a href="#">604844</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. This gene encodes a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000011908

**Pathway**

- [Heparan sulfate biosynthesis](#)

**Disease**

- [Tobacco Use Disorder](#)